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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/613,994
Applicant : Tsu-Wei CHEN, et al.
Filed : July 8, 2003
Title : PACKET ROUTING VIA PAYLOAD INSPECTION FOR
DIGITAL CONTENT DELIVERY
TC/A.U. : 2157
Examiner : OSMAN, Ramy M
Docket No. : 33079/US/2
Customer No. : 038598

Mail Stop Appeal Brief-Patents
Commissioner of Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RESPONSE TO NOTICE OF NON-COMPLIANT
APPEAL BRIEF UNDER 37 CFR 41.37

Sir:

In response to the Notice of Non-Compliant Appeal Brief of December 9, 2008, please find enclosed only the corrected section of the non-compliant appeal brief, which comprises section V of summary of claimed subject matter.

V. SUMMARY OF CLAIMED SUBJECT MATTER

The application discloses a novel and nonobvious method and apparatus for routing packets in a network for use in distributing digital content to subscribers. The network includes a plurality of user machines (*e.g.*, see FIG. 21, p. 40, lines 24-25), a central distributor that regularly distributes digital content (*e.g.*, see FIG. 21, p. 40, ln. 20), a plurality of cache servers that receive and cache the distributed digital content, wherein the cache servers periodically receive user requests from user machines for certain of the cached digital content and forward the requested digital content to the user machines (*e.g.*, see FIG. 21, p. 40 lines 15-25). The method and apparatus further includes a routing box that receives the distributed digital content as files from the central distributor and transfers the digital content files to the plurality of cache servers using a publish-subscribe content-based routing, wherein the digital content files are publications and the user requests are subscriptions and wherein the routing box receives a filter and uses the filter to selectively transfer the digital content files to one or more of the plurality of cache servers (*e.g.*, see FIG. 22, p. 40 lines 25-30). No prior art routes packets in a network for use in distributing digital content to subscribers using a routing box that receives the distributed digital content as files from the central distributor and transfers the digital content files to the plurality of cache servers using a publish-subscribe content-based routing, and wherein the routing box receives a filter and uses the filter to selectively transfer the digital content files to one or more of the plurality of cache servers, as in claim 1.

The application discloses another novel and nonobvious method for distributing digital content to subscribers in a network by distributing digital content from a central distributor (*e.g.*, see FIG. 21, p. 40, ln. 20), propagating a filter to a routing box in the network (*e.g.*, see FIG. 13, p. 27, ln. 22), applying content-based routing to distribute digital content to a plurality of cache servers (*e.g.*, see FIG. 21, p. 40 lines 15-25) using the filter to selectively route the digital content (*e.g.*, see FIG. 13, p. 27, lines 5-15), caching the content-based routed digital content at the plurality of cache servers (*e.g.*, see FIG. 14, p. 30, lines 8-9 and FIG. 21, p. 40 lines 15-25), receiving user subscriptions for requested cached digital content (*e.g.*, see FIG. 14, p. 30, lines 5-6), and transferring requested digital content from the plurality of cache servers to users based on the received user subscription (*e.g.*, see FIG. 13, p. 27, lines 22-28). As above, no prior art routes packets in a network for use in distributing digital content to subscribers using a routing box that receives the distributed digital content as files from the central distributor and

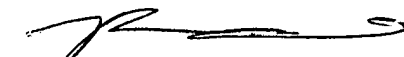
transferring the digital content files to the plurality of cache servers using a publish-subscribe content-based routing, and propagating a filter to the routing box, and selectively distributing the digital content files to one or more of the plurality of cache servers, as in claim 13.

REMARKS

This response is made in response to the Notice of Non-Compliant Appeal Brief under 37 CFR 41.37 mailed December 9, 2008 regarding incomplete section V. Accordingly, applicant has corrected section V to refer to and address each independent claim involved in the appeal.

Respectfully submitted,

Date: **January 9, 2009**



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